SEQUENCE LISTING

<110> MĮYAGAWA, SHUJI

OKABE, MASARU

O I P E C 2 5 2000 U

RECEIVED

DEL 11 2000

TECH CENTER 1600/2900

<120> MODIFIED CRE RECOMBINASE GENE FOR MAMMALS

<130> 197330US0

<140> 09/662,128

<141> 2000-09-14

<150> JP11-264364

<151> 1999-09-17

<160> 6

<170> PatentIn version 3.0

<210> 1

<211> 1050

<212> DNA

<213> Artificial/Unknown

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<221> CDS

<222> (1)..(1050)

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<223> Description of Artificial Sequence: gene

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					ccc Pro											96
					ttc Phe											144
					agc Ser											192
ctg Leu 65	aac Asn	aac Asn	cgc Arg	aag Lys	tgg Trp 70	ttc Phe	ccc Pro	gcc Ala	gag Glu	ccc Pro 75	gag Glu	gac Asp	gtg Val	cgc Arg	gac Asp 80	240
					cag Gln											288
cag Gln	cac His	ctg Leu	ggc Gly 100	cag Gln	ctg Leu	aac Asn	atg Met	ctg Leu 105	cac His	cgc Arg	cgc Arg	agc Ser	ggc Gly 110	ctg Leu	ccc Pro	336
															cgc Arg	384

	gag Glu 130															432
gag Glu 145	cgc Arg	acc Thr	gac Asp	ttc Phe	gac Asp 150	cag Gln	gtg Val	cgc Arg	agc Ser	ctg Leu 155	atg Met	gag Glu	aac Asn	agc Ser	gac Asp 160	480
	tgc Cys															528
	ctg Leu															576
	cgc Arg															624
	ctg Leu 210															672
	aag Lys															720
	aac Asn															768
ccc Pro	agc Ser	gcc Ala	acc Thr 260	agc Ser	cag Gln	ctg Leu	agc Ser	acc Thr 265	cgg Arg	gcc Ala	ctg Leu	gag Glu	ggc Gly 270	atc Ile	ttc Phe	816
	gcc Ala															864
	tac Tyr 290															912
	atg Met															960

ggc tgg acc aac gtg aac atc gtg atg aac tac atc cgc aac ctg gac Gly Trp Thr Asn Val Asn Ile Val Met Asn Tyr Ile Arg Asn Leu Asp

1008

agc gag acc ggc gcc atg gtg cgc ctg ctg gag gac ggc gac Ser Glu Thr Gly Ala Met Val Arg Leu Leu Glu Asp Gly Asp 340 345 350

1050

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Asn Leu Pro Ala Leu Pro Val Asp Ala Thr Ser Asp Glu Val Arg Lys 20 25 30

Asn Leu Met Asp Met Phe Arg Asp Arg Gln Ala Phe Ser Glu His Thr 35 40 45

Trp Lys Met Leu Leu Ser Val Cys Arg Ser Trp Ala Ala Trp Cys Lys 50 55 60

Leu Asn Asn Arg Lys Trp Phe Pro Ala Glu Pro Glu Asp Val Arg Asp 65 70 75 80

Tyr Leu Leu Tyr Leu Gln Ala Arg Gly Leu Ala Val Lys Thr Ile Gln 85 90 95

Gln His Leu Gly Gln Leu Asn Met Leu His Arg Arg Ser Gly Leu Pro 100 105 110

Arg Pro Ser Asp Ser Asn Ala Val Ser Leu Val Met Arg Arg Ile Arg 115 120 125

Lys Glu Asn Val Asp Ala Gly Glu Arg Ala Lys Gln Ala Leu Ala Phe 130 135 140

Glu Arg Thr Asp Phe Asp Gln Val Arg Ser Leu Met Glu Asn Ser Asp 145 150 155 160

Arg Cys Gln Asp Ile Arg Asn Leu Ala Phe Leu Gly Ile Ala Tyr Asn 165 170 175

Thr Leu Leu Arg Ile Ala Glu Ile Ala Arg Ile Arg Val Lys Asp Ile 180 185 190

Ser Arg Thr Asp Gly Gly Arg Met Leu Ile His Ile Gly Arg Thr Lys 195 200 205

Thr Leu Val Ser Thr Ala Gly Val Glu Lys Ala Leu Ser Leu Gly Val 210 215 220

Thr Lys Leu Val Glu Arg Trp Ile Ser Val Ser Gly Val Ala Asp Asp 225 230 235 240

Pro Asn Asn Tyr Leu Phe Cys Arg Val Arg Lys Asn Gly Val Ala Ala 245 250 255.

Pro Ser Ala Thr Ser Gln Leu Ser Thr Arg Ala Leu Glu Gly Ile Phe 260 265 270

Glu Ala Thr His Arg Leu Ile Tyr Gly Ala Lys Asp Asp Ser Gly Gln 275 280 285

Arg Tyr Leu Ala Trp Ser Gly His Ser Ala Arg Val Gly Ala Ala Arg 290 295 300

Asp Met Ala Arg Ala Gly Val Ser Ile Pro Glu Ile Met Gln Ala Gly 305 310 315 320

Gly Trp Thr Asn Val Asn Ile Val Met Asn Tyr Ile Arg Asn Leu Asp 325 330 335

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<212> DNA

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<212> DNA

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